



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt resolution authorizing the purchase of a remote terminal unit (RTU) and accessories from Siemens Power Transmission and Distribution, Inc. of Palatine, Illinois for the Killelea Substation Rehabilitation Project (\$60,000) (EUD)

MEETING DATE: May 16, 2007

PREPARED BY Electric Utility Director

RECOMMENDED ACTION: Adopt a resolution authorizing the purchase of a remote terminal unit (RTU) and **accessories** from Siemens Power Transmission and Distribution, Inc. (Siemens) of Palatine, Illinois for the Killelea Substation Rehabilitation Project.

BACKGROUND INFORMATION: The Electric Utility Department is in the process of finalizing the construction agreement for the Killelea Substation Rehabilitation Project with Rosendin Electric, Inc. (Rosendin) of San Jose, California as previously authorized by the City Council on May 3, 2006 following project redesign work which was completed by Power Engineers of Hailey, ID in March 2007.

For purposes of reducing the project cost, **staff** recommends a direct purchase **of** the RTU and accessories **as** sole source from Siemens rather than acquiring the RTU from Rosendin Electric as part of the construction agreement. A direct purchase is expected to reduce cost by as much as \$25,000.

The RTU system will be Siemens Model TG5700 complete with Station Manager 2 components, modem, status input cards, DC analog input cards, relay output controllers, control output termination cards, converters, power supply, communication module, enclosures, and marshalling cabinet. The system will include complete plans, drawings, documentation, installation, configuration and turn-up services. The Siemens RTU will be **compatible** and consistent with the existing Supervisory Control and Data Acquisition (SCADA) system that is currently in operation at EUD's control center.

To realize these cost savings and since this is long-lead time equipment, staff recommends Council approval of the procurement of the RTU and accessories for the Killelea Substation Rehabilitation Project. The estimated project completion date is May 1, 2008.

FISCAL IMPACT: The projected **cost** is \$60,000.

FUNDING AVAILABLE: Bond **proceeds** are allocated in Account No. 161.1082

Kirk Evans
Kirk Evans, Budget Manager

George F. Morrow
George F. Morrow
Electric Utility Director

PREPARED BY: Demy Bucaneg, Jr., P.E., Manager, Engineering & Operations

GFM/DB/lt

APPROVED:

Blair King
Blair King, City Manager

RESOLUTION NO. 2007-85

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
THE PURCHASE OF A REMOTE TERMINAL UNIT AND
ACCESSORIES FOR KILLELEA SUBSTATION
REHABILITATION PROJECT

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WHEREAS, Lodi Municipal Code §3.20.070 authorizes dispensing with bids for purchases of supplies, services, or equipment when it is in the best interest of the City to *do so*; and

WHEREAS, the Electric Utility Department is in the process of finalizing the construction agreement for the Killelea Substation Rehabilitation Project with Rosendin Electric, Inc., as previously authorized by the City Council on May 3, 2006, following project redesign work, which was completed by Power Engineers in March 2007; and

WHEREAS, for purposes of reducing the project cost by as much as \$25,000, staff recommends a direct purchase of the remote terminal unit and accessories as sole source from Siemens rather than acquiring the unit and accessories from Rosendin Electric as part of the construction agreement; and

WHEREAS, the Siemens remote terminal unit will be compatible and consistent with the existing Supervisory Control and Data Acquisition system that is currently in operation at the Electric Utility Department control center.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lodi does hereby approve the purchase of a remote terminal unit and accessories from Siemens Power Transmission and Distribution, Inc., of Palatine, Illinois, for the Killelea Substation Rehabilitation Project in the total amount of \$60,000.

Dated: May 16, 2007

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I hereby certify that Resolution No. 2007-85 was passed and adopted by the City Council of the City of Lodi in a regular meeting held May 16, 2007, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Hitchcock, Katzakian, Mounce,
and Mayor Johnson

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



RANDI JOHL
City Clerk